

PTO/SB/08A (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(use as many sheets as necessary)**

Sheet	1	of	2
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**Complete if Known**

<b>Application Number</b>	10/688,711
<b>Filing Date</b>	October 17, 2003
<b>First Named Inventor</b>	Xiaoming Ren et al.
<b>Group Art Unit</b>	Not yet assigned
<b>Examiner Name</b>	Not yet assigned
<b>Attorney Docket Number</b>	107059-0037

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/688,711
		Filing Date	October 17, 2003
		First Named Inventor	Xiaoming Ren et al.
		Group Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
		Attorney Docket Number	107059-0037
Sheet	2	of	2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
COT	1	SZELE ET AL., "Solvolysis Reactions of tert-Butyl Chloride and Methyl Tosylate in Trimethoxyborane Methanol Mixtures", CROATICA CHEMICA ACTA, 1977, pages 47-56, vol. 49, no. 1, Laboratory of Organic Chemistry and Biochemistry, Faculty of Science, University of Zagreb, Yugoslavia.	
	2	DESLONGCHAMPS ET AL., "The Relative Rate of Hydrolysis of a Series of Acyclic and Six-Membered Cyclic Acetals, Ketals, Orthoesters, and Orthocarbonates", TETRAHEDRON, 2000, pages 3555-3537, vol. 56, Sherbrooke University, Quebec, Canada.	
	3	ALBERT M ET AL., "Vapor-liquid and liquid-liquid equilibria in a binary and ternary mixtures of water, methanol, and methylal", JOURNAL OF CHEMICAL AND ENGINEERING DATA, July/August 2001, pages 897-903, vol. 46, no. 4, Engineering Information, Inc., New York, NY, USA.	
COT	4	COLBOW ET AL., United States Patent Application for "DIRECT DIMETHOXYMETHANE AND METHANOL FUEL CELLS", Publication No. US 2004/0033397 A1, Publication Date February 19, 2004. All pages.	

Examiner Signature		Date Considered	6/06
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								
Examine r initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
est est		GB	1 272 974	A	E.R. Squibb & Sons Inc.	05-03-1972		
		JP	2001 093558	A	Toshiba Corp.	04-06-2001		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

### Complete if Known

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Filing Date	October 17, 2003
First Named Inventor	Xiaoming Ren et al.
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	107059-0037

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EDT		PCT/US2004/032021, Notification of Transmittal of the International Search Report and the Written Opinion of the International Search Authority or the Declaration, European Patent Office, August 6, 2005.	
		XP002314822, Compendex/El, Database Accession No. E2001356634349 entitled Vapor-liquid and liquid-liquid equilibria in binary and ternary mixtures of water, methanol, and methylal, Engineering Information Inc., New York, NY.	
		XP002322068, WPI/Derwent, Database Accession No. 1995-213270 [28], entitled Methyl alcohol compsn. for automobile fuel - prepd. by adding dye to methyl alcohol for easy detection of leakage, London, Great Britain.	
EDT		United States Patent Application No. 10/413,983 (Attorney Docket No. 107044-0026), filed April 15, 2003, Ren et al., entitled Direct Oxidation Fuel Cell Operating with Direct Feed of Concentrated Fuel Under Passive Water Management	
		United States Patent Application No. 10/413,986 (Attorney Docket No. 107044-0035), filed April 15, 2003, Hirsch et al., entitled Vapor Feed Fuel Cell System with Controllable Fuel Delivery	

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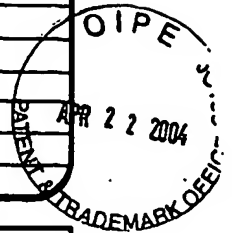
**Complete if Known**

<b>Application Number</b>	10/688,711
<b>Filing Date</b>	October 17, 2003
<b>First Named Inventor</b>	Xiaoming Ren et al.
<b>Group Art Unit</b>	1714
<b>Examiner Name</b>	Not yet assigned
<b>Attorney Docket Number</b>	107044-0037

(use as many sheets as necessary)

Sheet	1	of	1
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